Table AOC54-1
Summary of Chemical Constituents Detected in Soil
Area of Concern 54

						Sample ID	AOC54-BOT01				AOC54-BOT02				AOC54-SW01				AOC54-SW02				AOC54-SW03				AOC54-SW04				AOC54-SW05			
						Sample Date	12/29/03				03/18/04				12/29/03				12/29/03				12/29/03				12/29/03				03/18/04			
						Sample Type	N1				N1				N1				N1				N1				N1				N1			
						Matrix Type	SO				SO				SO				SO				SO				SO				SO			
						Beginning Depth	0				0				0				0				0				0				0			
						Ending Depth	0.5				0.5				0.5				0.5				0.5				0.5				0.5			
						Lab ID	AP63681				AP66971				AP63682				AP63683				AP63684				AP63685				AP66971			
	Soil Comparison Criteria																																	
	MDL	RL	Background[a] Soils	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
Soil pH								NA			8.1				8.2				8.0				8.1				8.1				8.1			
SW6010B (mg/kg)																																		
Barium	0.08	1.0	186	200	59,000	28.88		1	1.0			NA		41.85		1	1.0	35.69		1	1.0	37.87		1	1.0	28.83		1	1.0			NA		
Chromium	0.1	20	40.2	10	350,000	7.1	F	1	20.0			NA		9.9	F	1	20.0	9.4	F	1	20.0	6.9		1	20.0	7.8		1	20.0			NA		
Copper	0.19	2.0	23.2	130	74,000	5.56		1	2.0			NA		10.02		1	2.0	7.27		1	2.0	8.21		1	2.0	5.95		1	2.0			NA		
Nickel	0.12	2.0	35.5	200	12,000	6.31	J	1	2.0			NA		**53.9**	**J**	**1**	**2.0**	8.26	J	1	2.0	6.07		1	2.0	7.91		1	2.0	5.85		1	2.0
SW7060A (mg/kg)																																		
Arsenic	0.04	0.5	19.6	5	200	2.14		1	0.5			NA		2.92		1	0.5	2.84		1	0.5	3.11		1	0.5	2.93		1	0.5			NA		
SW7131A (mg/kg)																																		
Cadmium	0.01	0.1	3	0.5	410	0.39		1	0.1			NA		0.59		1	0.1	0.31		1	0.1	0.31		1	0.1	0.21		1	0.1			NA		
SW7421 (mg/kg)																																		
Lead	0.13	0.5	84.5	1.5	1,000	**87.96**		**20**	**10**	57.79		20	10	**191.49**		**50**	**25**	43.88		20	10.0	47.31		20	10.0	15.38		10	5.0	61.65		20	10.0
SW7471A (mg/kg)																																		
Mercury	NA	0.1	0.77	0.2	9.6	0.02	F	1	0.1			NA		0.03	F	1	0.1	0.02	F	1	0.1	0.04	F	1	0.1	0.03	F	1	0.1			NA		

Tables present all laboratory results for analytes detected above the method detection limit.
Results from all laboratory analysis are presented in this table.
All samples were analyzed by APPL Laboratories.
Referenced laboratory package numbers: 43447, 43982
All MS/MSD results are presented in the Data Verification Report, Appendix C.

Data Qualifiers:

B-The analyte was found in an associated blank, as well as in the sample.
F- The analyte was positively identified, but the associated numerical value is below the RL.
J - The analyte was positively identified, the quantitation is an estimation.
M - A matrix effect was present.
R- The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL.

Sample location BOT01 was overexcavated due to above-background lead concentrations. Therefore, this sample does not represent current site conditions for lead. Sample BOT02 represents current site conditions in this vicinity.

Sample location SW01 was overexcavated due to above-background lead and nickel concentrations. Therefore, this sample does not represent current site conditions for lead and nickel. Sample SW05 represents current site conditions in this vicinity.

Abbreviations and Notes:
Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
Boxed samples indicate results greater than RRS2 Standards.

--	No risk reduction standard or background level available
a	Background values from second Revised Background Report, February 2002
DL	Dilution
FD1	Field Duplicate
GWP-Ind	Soil MSC based on groundwater protection
MDL	Method Detection Limit
N1	Environmental Sample
NA	Not Available
RL	Reporting Limit
SAI-Ind	Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
SQL	Sample Quantitation Limit